

Application Number 10/625,901
Amendment dated December 9, 2004
Reply to Office action of September 9, 2004

Amendments to the Specification:

Please replace old paragraphs [0012] to [0017] by the following new paragraphs:

[0012] According to one aspect of the invention, there is provided a method for manufacturing an optical connector ~~assembly~~ achieving a mechanical coupling, comprising:

[0013] embedding a length of at least one optical fiber in a body to form an assembly;

[0014] ~~polishing a first end of the assembly, removing a portion of the assembly~~ to provide a beveled surface on a corresponding first end of the at least one optical fiber at which light is reflected for a side coupling;

[0015] ~~polishing at least a portion of a side of the assembly near the first end, creating an optical surface~~ to provide a flat coupling surface for the side coupling;

[0016] ~~polishing at a second end of the assembly, removing a portion of the assembly~~ to provide a flat abutment surface including a corresponding second end of the at least one fiber;

[0017] providing at the second end of the assembly a mating structure for precision connecting with a complementary ~~ferrule connector~~ in which ~~at least one complementary an optical waveguide~~ is end-coupled with ~~each one of the~~ at least one optical fiber.